

IF ACCESSIBLE TO LIVESTOCK, EXTEND RISER TO 5 FEET ABOVE GROUND. RISER SHALL BE CMP OR STEEL, & BE ATTACHED TO WALL IN TWO LOCATIONS.

\_\_\_\_—INSERT DOWNSPOUT  
IN RISER 6" MIN.

GROUND LINE

- RISER - \_\_\_\_\_ INCH DIA.



CMP OR PVC (NON - PERFORATED)

INCH DIA.

NON-PERF. TUBING

INSTALL  
ANIMAL GUARD  
(FLAP GATE TYPE)

ELEV.

ELBOW - CMP  
OR PVC

— FT.

— FT.

—FT.

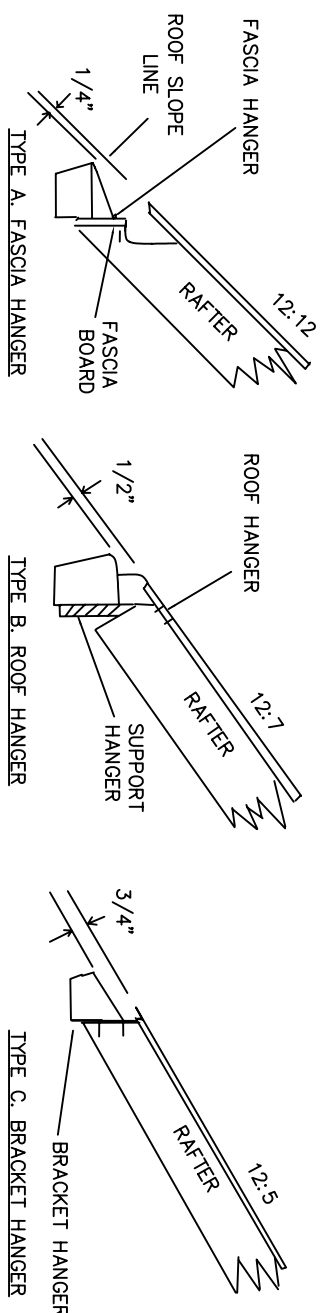
OUTLET = \_\_\_\_\_ INCH DIA. CMP OR PVC (NON PERFORATED)

\_\_\_\_\_ FT.  
(3'-0" MIN.)

## NOTES

- 1) GUTTER HANGERS SHALL BE NAILED TO FASCIA BOARD OR ROOF SHEATHING AT RAFTER LOCATIONS.
- 2) EXPANSION JOINTS SHALL BE INSTALLED EVERY 40' IF NOT FREE-FLOATING.
- 3) GUTTERS SHALL BE PLACED BELOW ROOF SLOPE LINE SO ICE AND SNOW CAN SLIDE CLEAR. STEEPER PITCH REQUIRES LESS CLEARANCE. (SEE DETAIL)
- 4) GUTTERS, TRANSFER LINES, AND OUTLETS SHALL BE PLACED AT THE MINIMUM SLOPES INDICATED IN THE PLAN VIEW.
- 5) GUTTER HANGING DETAIL \_\_\_\_\_.
- 6) MAXIMUM GUTTER SUPPORT SPACING \_\_\_\_\_ FT.

## PLAN VIEW



## Bill of Materials

Gutter	_____	L.f.
Downspouts	_____	
Transfer Line	_____	L.f.
Outlet:		
Riser	_____	L.f.
Tubing	_____	L.f.
Outlet	_____	L.f.

Hangers, support, elbows, animal guards

(NOT TO SCALE)

## GUTTER HANGING DETAILS

(Clearances shown are guides for typical roof slopes,)  
(regardless of hanger type.)

REDRAWN: TJA 7/05

Designed T. RUCK Date 12/94  
 Drawn DCG 2/95  
 Checked A. WOOD 2/95  
 Approved by \_\_\_\_\_

\_\_\_\_\_ COUNTY, PENNSYLVANIA

**GUTTER DETAIL**



File No.  
**PA-048.dwg**

Drawing No.

PA-046

REVISED 3/16/95  
ADAPTED FROM WI-408A

Sheet \_\_\_\_\_ of \_\_\_\_\_